

Location	Project Title	Project Acronym	Website	Coordinating Institution	Principal Investigator(s)	Funding Agency	TBI Severity (Mild, Moderate, Severe)	Age (Pediatric, Adult)	Target Enrollment	Type of Study (Biomarkers, CER, Classification, Clinical Trial, Diagnosis, Prognosis, Tool Development)	Primary Hypothesis	Total Costs	Starting Date	Ending Date
Europe	Collaborative REsearch on ACute Traumatic brain Injury in intensive care medicine in Europe	CREACTIVE	under construction	ISTITUTO DI RICERCA FARMACOLOGICHE MARIO NEGRI	Guido Bertolini	European Commission	All Levels	Pediatric & Adult	7000	Biomarkers, CER, Prognosis	Comparison of performance among centers based on rigorous and truly adjusted analysis is the most powerful way to induce an improvement in the quality of care	€7.0 M	10/1/2013	9/2018
	Collaborative European NeuroTrauma Effectiveness Research in TBI	CENTER-TBI		UNIVERSITAIR ZIEKENHUIS ANTWERPEN	Andrew Maas	European Commission	All Levels	Pediatric & Adult	5400	Biomarkers, CER, Classification, Prognosis	1. Detailed characterisation of TBI will allow identification of discrete subsets with more homogeneous disease mechanism, therapy response and outcome characteristics; 2. Analysis of detailed demographic, clinical, neuroimaging and outcome data will allow comparison of the effectiveness of different care systems, management strategies, and specific interventions	€30.0 M	10/1/2013	3/2020
USA	Transforming Research and Clinical Knowledge in Traumatic Brain Injury	TRACK-TBI	http://www.brainandspinalinjury.org/research.php?id=189	University of California San Francisco	MULTI-PI: Geoffrey Manley, Claudia Robertson, Ramon Diaz-Arrastia, Nancy Temkin, David Okonkwo, Joe Giacino, Pratik Mukherjee	NIH/NINDS	All Levels	Pediatric & Adult	2700 TBI subjects & 300 Controls	Biomarkers, CER, Classification, Prognosis	Multiple hypotheses	\$18.8 M	10/1/2013	9/2018
	Multiple Medical Therapies for Pediatric TBI; Comparative effectiveness approach	ADAPT	http://www.adapttrial.org/	University of Pittsburgh	Mike Bell & Steve Wisniewski	NIH/NINDS	Severe	Pediatric	1000	CER	Multiple hypotheses	\$16.1 M	7/1/2013	6/1/2018
	Managing severe TBI without ICP monitoring - guidelines development and testing			University of Washington	Randall Chesnut, Silvia Lujan, Carlos Rondina, Nancy Temkin	NIH/NINDS	Severe	Pediatric (13 and older) & Adult	780	CER	Multiple hypotheses	\$2.6 M	9/30/2012	7/31/2017
CANADA	Predicting and Preventing Post-concussive Problems in Pediatrics (SP) study: a prospective multicentre clinical prediction rule derivation and validation study in children with concussion	SP		University of Ottawa, Children's Hospital of Eastern Ontario	Roger Zemek	CIHR	Mild	Pediatric	Derivation: 2000 patients; Validation: 800 patients	Prognosis	Multivariate analyses can identify predictor variables sensitive for detecting cases of persistent postconcussion symptoms in children and adolescents	\$1.3 M	8/1/2013	4/2018
	Improving the diagnosis and treatment of mTBI in children and youth: the power of common data			McGill University	Isabelle Gagnon	CIHR	Mild	Pediatric	Round 1: 500 Round 2: 1500	Tool Development (CDEs)	Multiple hypotheses	\$1.4 M	4/2013	3/2018
	A longitudinal prospective study of mTBI in youth ice hockey players	Safe to Play	http://www.ucalgary.ca/sfpr/	University of Calgary	Carolyn Emery & Willem Meeuwisse	CIHR	Mild	Pediatric	1000	CER, Diagnosis	Multiple hypotheses	\$1.5 M	4/2013	4/15/2018
	Post-Concussive Syndrome in youth: GABAergic effects of melatonin	PLAYGAME	www.4cTBI.ca	University of Calgary	Karen Barlow	CIHR	Mild	Pediatric	166	Clinical Trial	Treatment with melatonin improves PCS in children following mTBI	\$0.9 M	11/2013	11/2018
	"Neurocare": a clinical decision-making tool in youth mTBI		http://hollandbloorview.ca/research/concussion-research-centre/index.php	Bloorview Research Institute, Holland Bloorview Kids Rehabilitation Hospital & University of Toronto	Michelle Keightley	CIHR	Mild	Pediatric	1400 (over two years)	Tool Development	Multiple hypotheses	\$0.6 M (CIHR) \$0.5 M (OBI)	3/1/2013	3/1/2018